

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081622\
 Data File : PD071579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2022 14:39
 Operator : AR\AJ
 Sample : N4214-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-354MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 04:46:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081522.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 16 05:36:08 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.806	3.564	52224953	581.7E6	19.110	19.848
2)	SA Decachlor...	7.998	9.089	51228010	212.5E6	17.637m	20.824m
Target Compounds							
2)	A alpha-BHC	3.316	4.030	248.2E6	2328.1E6	58.439	59.055
3)	MA gamma-BHC...	3.649	4.364	225.7E6	1713.5E6	58.496	53.411m
4)	MA Heptachlor	3.997	4.944	244.9E6	1283.6E6	59.953	53.448
5)	MB Aldrin	4.280	5.284	234.0E6	1113.4E6	54.545	52.506m
6)	B beta-BHC	3.948	4.572	93720051	633.5E6	59.047	51.434
7)	B delta-BHC	4.182	4.820	217.8E6	1233.5E6	56.094	49.181
8)	B Heptachlo...	4.787	5.717	208.2E6	896.4E6	55.757	51.789
9)	A Endosulfan I	5.161	6.105	198.0E6	840.6E6	57.244	54.033
10)	B gamma-Chl...	5.040	5.972	303.3E6	1119.9E6	78.177	65.136
11)	B alpha-Chl...	5.104	6.050	274.3E6	1234.6E6	71.601	73.900
12)	B 4,4'-DDE	5.296	6.222	198.5E6	818.9E6	57.233	52.567
13)	MA Dieldrin	5.428	6.383	219.2E6	855.8E6	56.518	50.329
14)	MA Endrin	5.705	6.615	195.3E6	707.9E6	56.675	49.386
15)	B Endosulfa...	6.001	6.841	177.7E6	709.5E6	55.325	51.590
16)	A 4,4'-DDD	5.853	6.746	154.4E6	659.4E6	56.282	53.584
17)	MA 4,4'-DDT	6.107	7.058	195.7E6	830.6E6	67.363	64.976
18)	B Endrin al...	6.181	6.972	123.8E6	509.9E6	48.014	46.704
19)	B Endosulfa...	6.406	7.205	163.1E6	619.1E6	53.503	50.504
20)	A Methoxychlor	6.687	7.534	91980903	339.8E6	58.301	53.661
21)	B Endrin ke...	6.915	7.697	169.8E6	676.0E6	47.335	50.426
22)	Mirex	7.101	8.158	130.7E6	490.8E6	45.349m	50.800

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081622\
Data File : PD071579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2022 14:39
Operator : AR\AJ
Sample : N4214-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

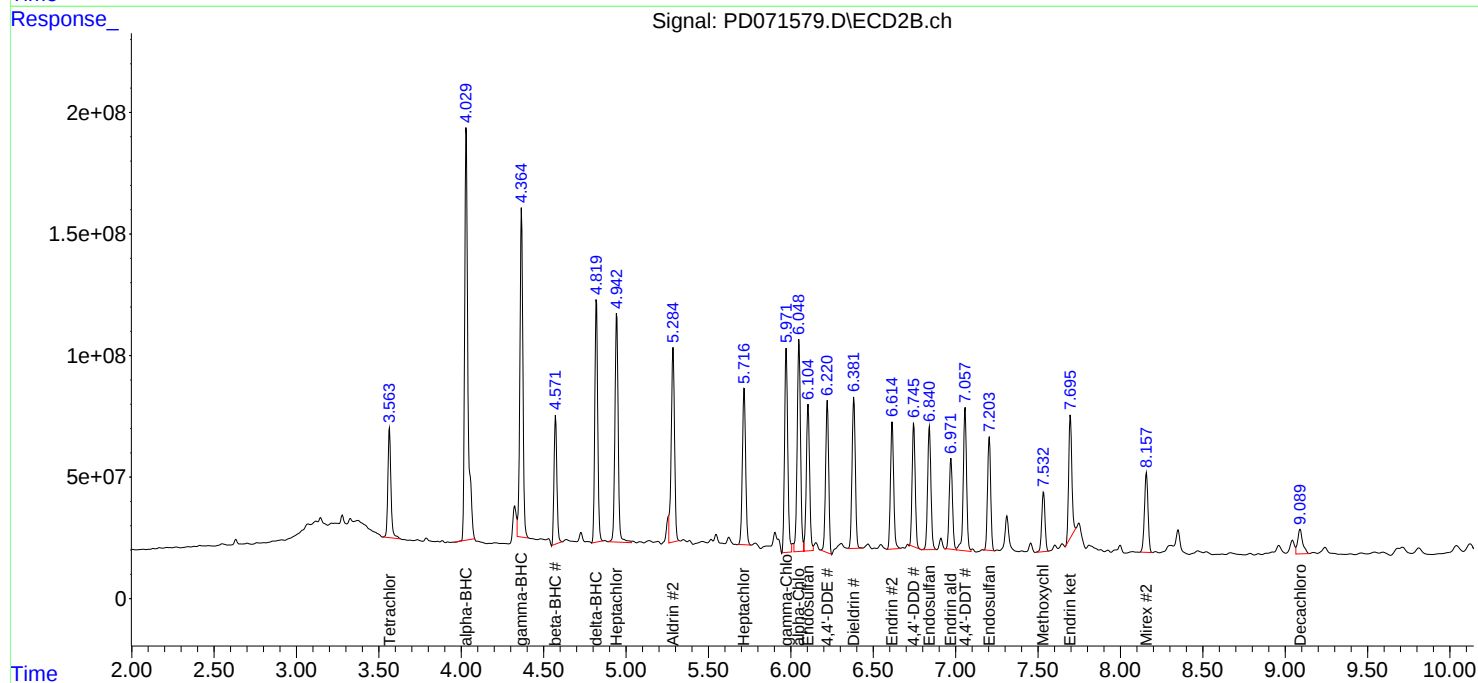
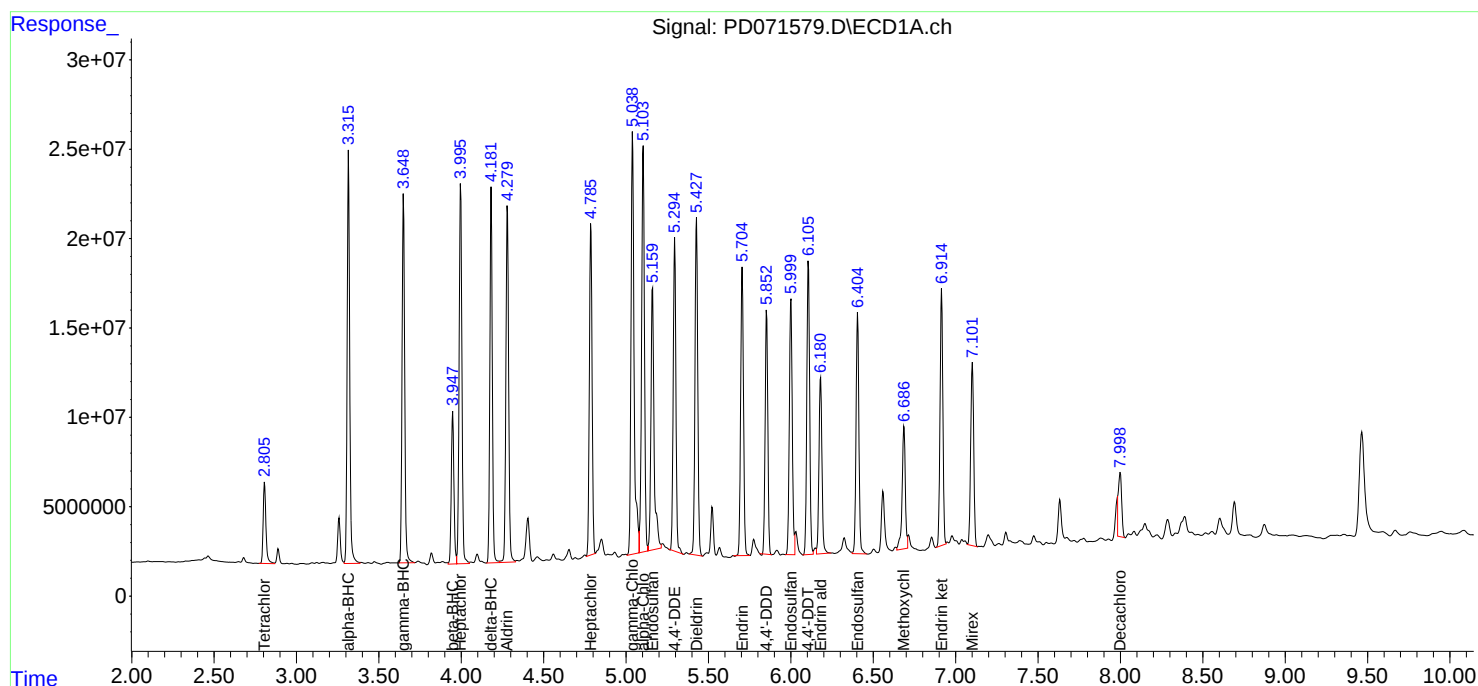
Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

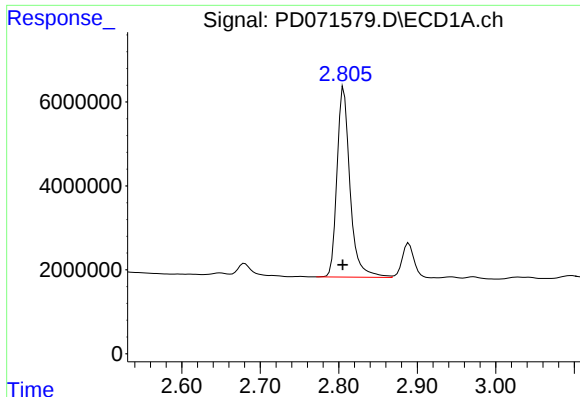
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 04:46:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081522.M
Quant Title : GC Extractables
QLast Update : Tue Aug 16 05:36:08 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.001 min
Response: 52224953
Conc: 19.11 ng/ml

Instrument :

ECD_D

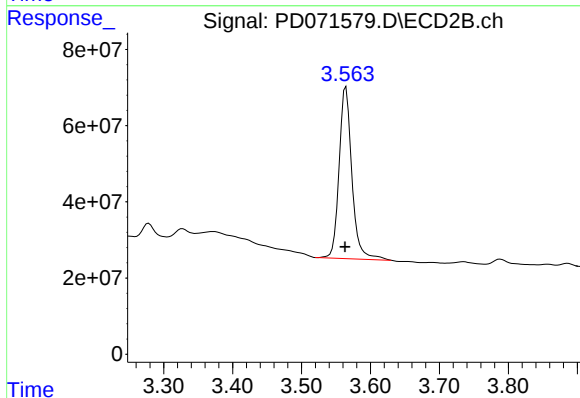
ClientSampleId :

ETGI-354MS

Manual Integrations

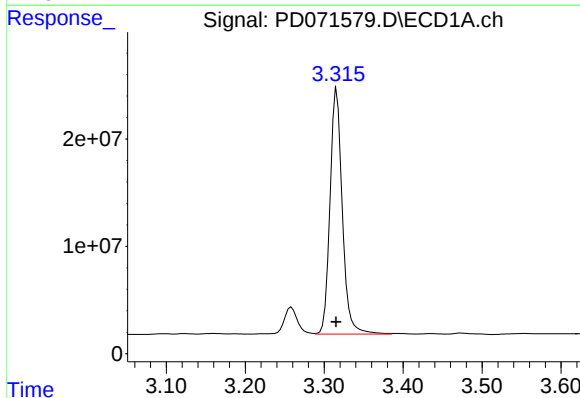
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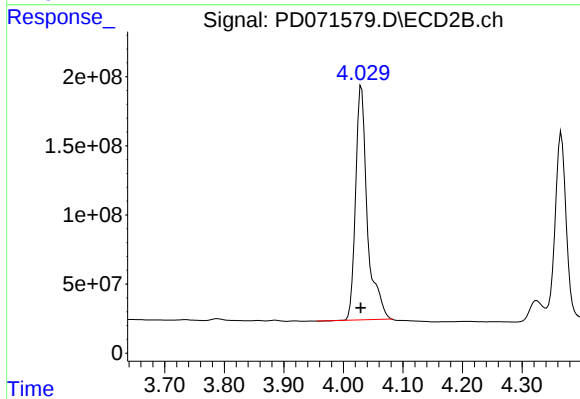
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.001 min
Response: 581740961
Conc: 19.85 ng/ml



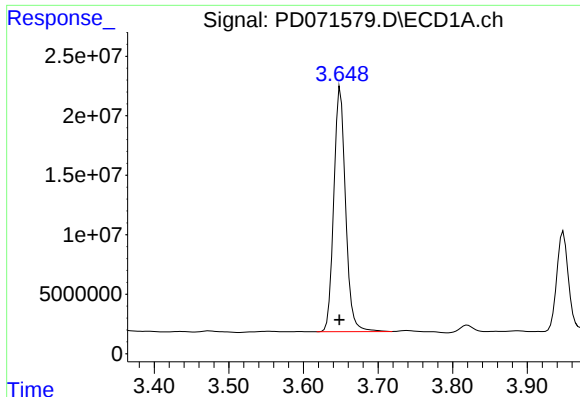
#2 alpha-BHC

R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 248199613
Conc: 58.44 ng/ml



#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.001 min
Response: 2328075853
Conc: 59.06 ng/ml



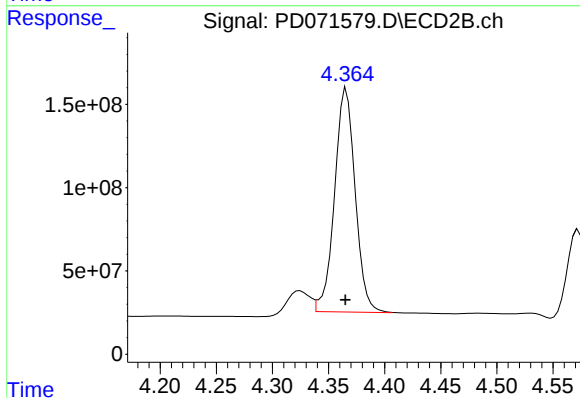
#3 gamma-BHC (Lindane)

R.T.: 3.649 min
Delta R.T.: 0.001 min
Response: 225671992
Conc: 58.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

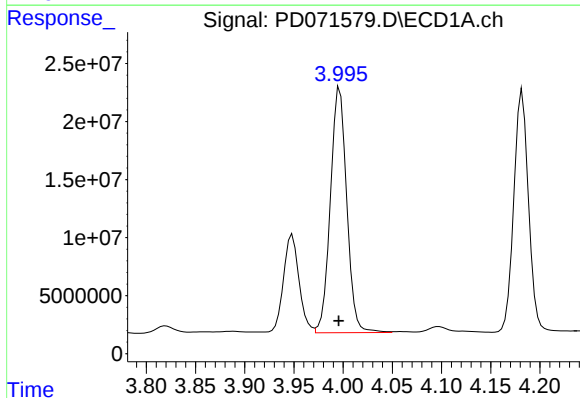
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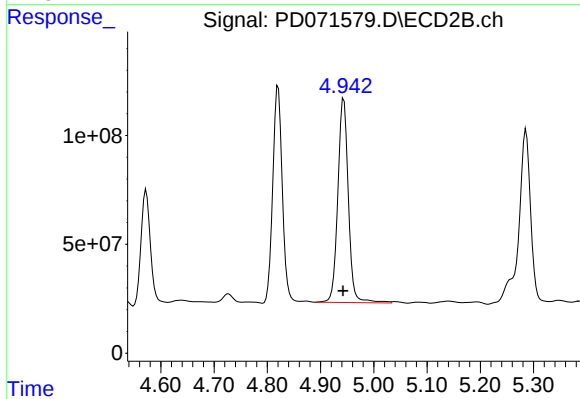
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1713488397
Conc: 53.41 ng/ml m



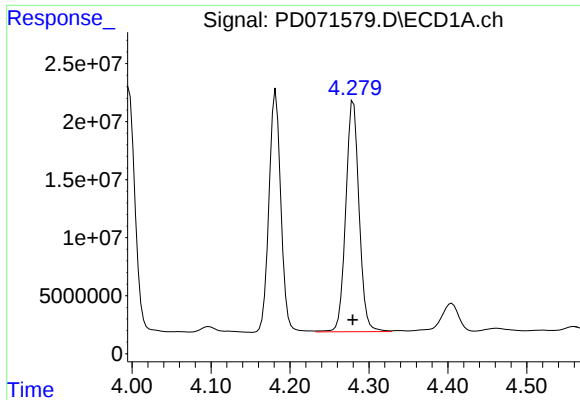
#4 Heptachlor

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 244887132
Conc: 59.95 ng/ml



#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.001 min
Response: 1283550702
Conc: 53.45 ng/ml



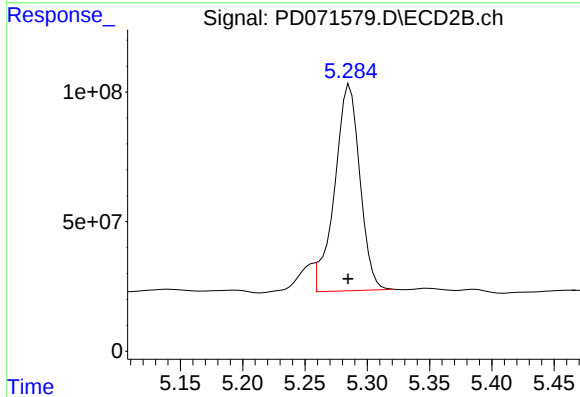
#5 Aldrin

R.T.: 4.280 min
Delta R.T.: 0.001 min
Response: 234044521
Conc: 54.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
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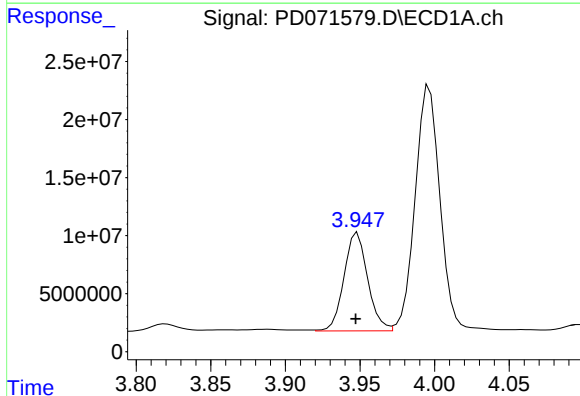
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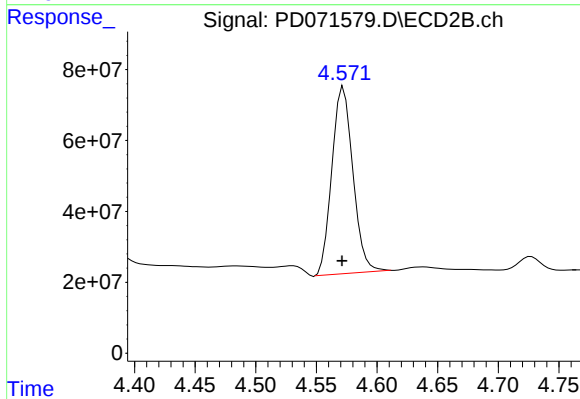
#5 Aldrin

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 1113393927
Conc: 52.51 ng/ml m



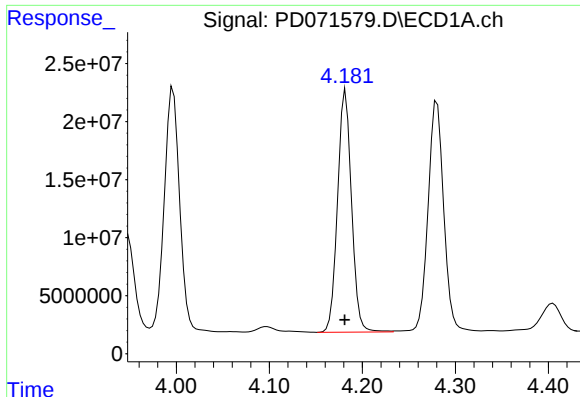
#6 beta-BHC

R.T.: 3.948 min
Delta R.T.: 0.001 min
Response: 93720051
Conc: 59.05 ng/ml



#6 beta-BHC

R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 633503016
Conc: 51.43 ng/ml



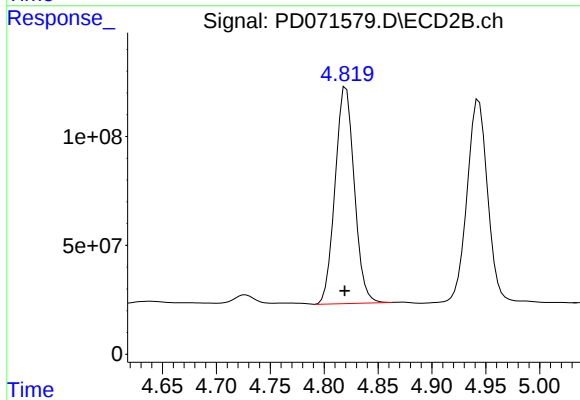
#7 delta-BHC

R.T.: 4.182 min
Delta R.T.: 0.001 min
Response: 217759276
Conc: 56.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

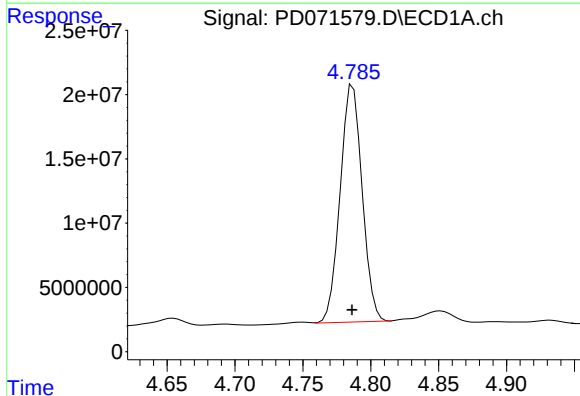
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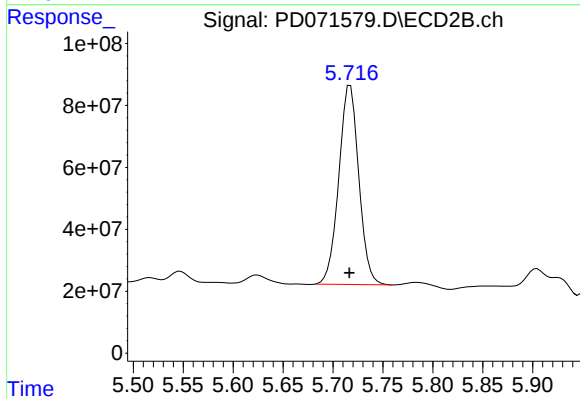
#7 delta-BHC

R.T.: 4.820 min
Delta R.T.: 0.001 min
Response: 1233491787
Conc: 49.18 ng/ml



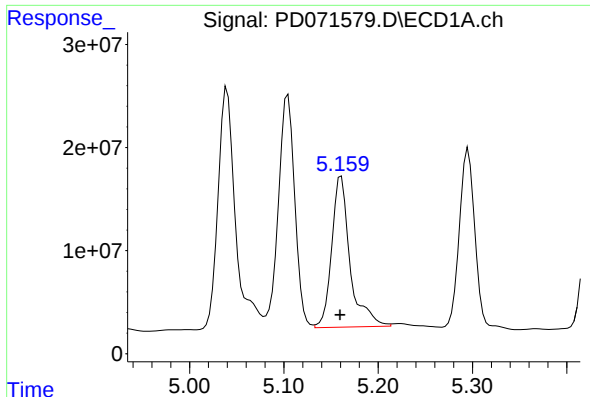
#8 Heptachlor epoxide

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 208184130
Conc: 55.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 896379189
Conc: 51.79 ng/ml



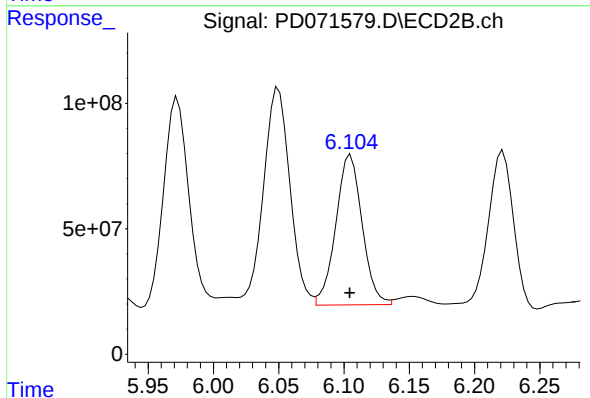
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.001 min
Response: 197954654
Conc: 57.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

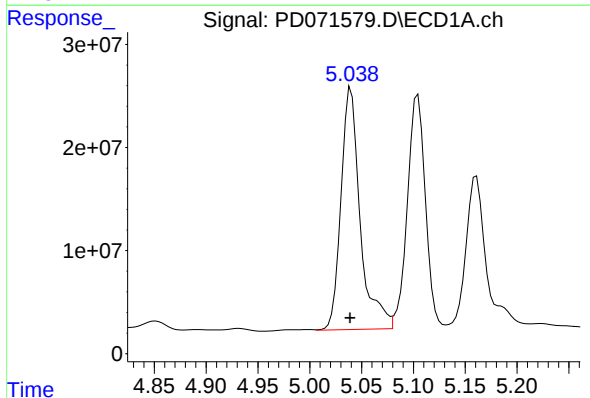
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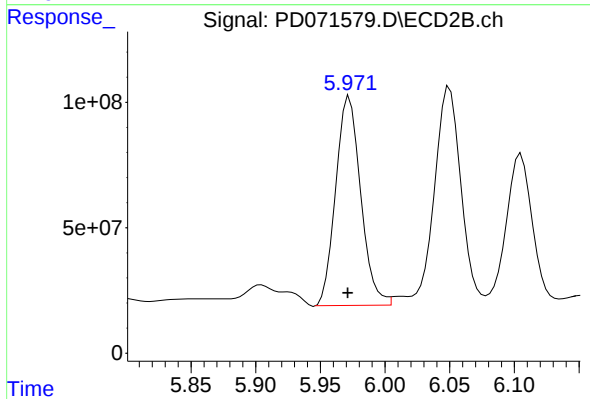
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 840570889
Conc: 54.03 ng/ml



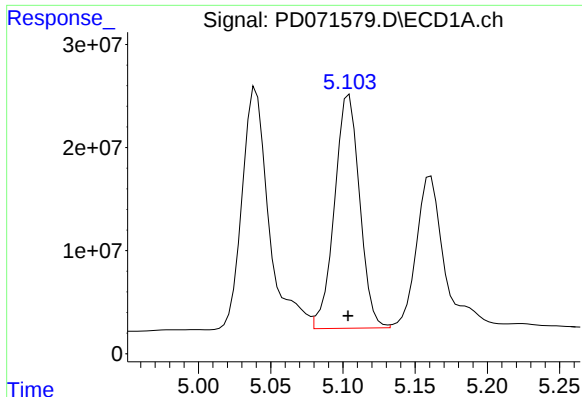
#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 303349282
Conc: 78.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 1119899969
Conc: 65.14 ng/ml



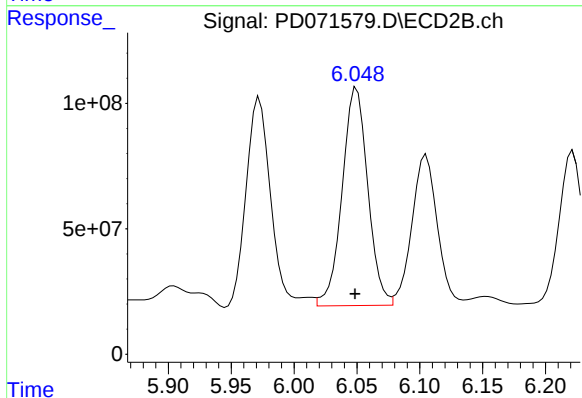
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 274250997
Conc: 71.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

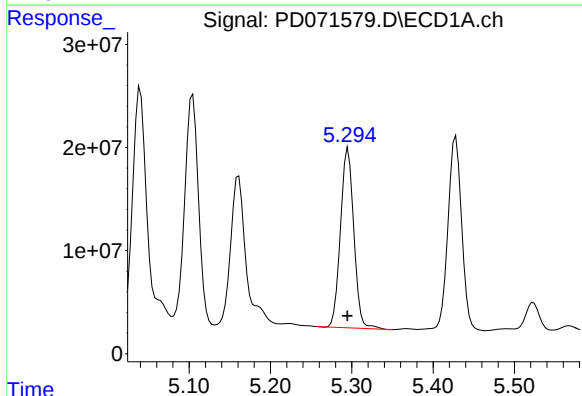
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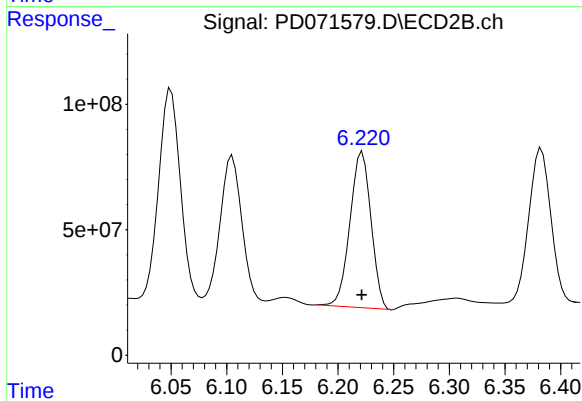
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.001 min
Response: 1234611175
Conc: 73.90 ng/ml



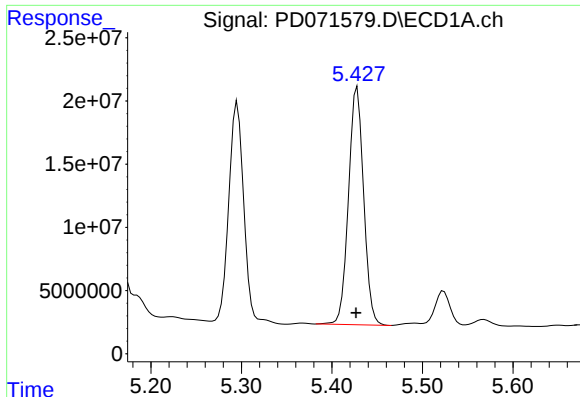
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 198486041
Conc: 57.23 ng/ml



#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 818903677
Conc: 52.57 ng/ml



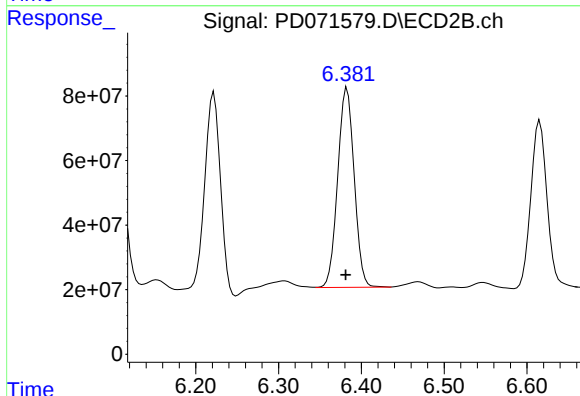
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.001 min
Response: 219245989
Conc: 56.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

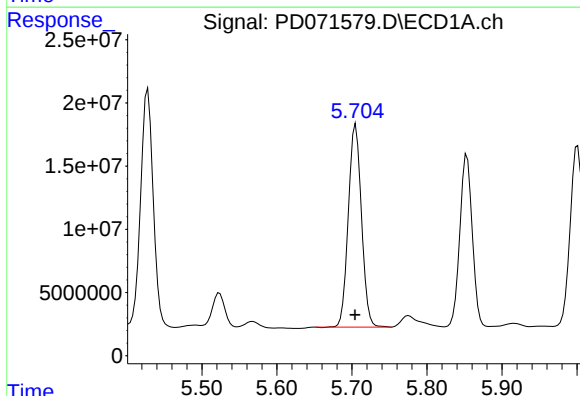
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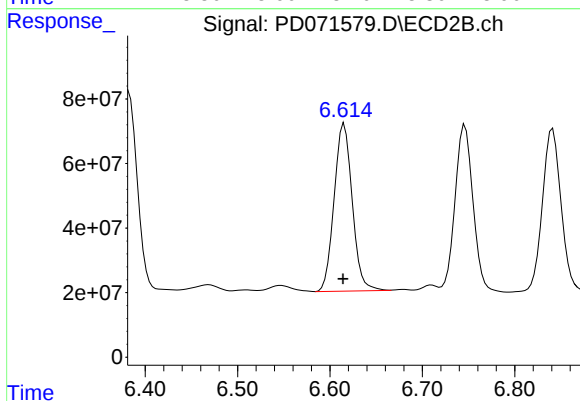
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.001 min
Response: 855755292
Conc: 50.33 ng/ml



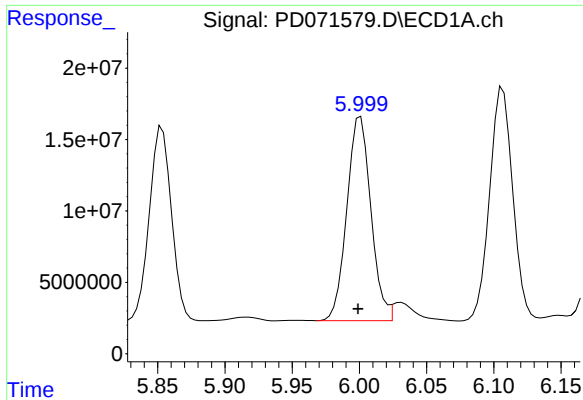
#14 Endrin

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 195339675
Conc: 56.67 ng/ml



#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 707878536
Conc: 49.39 ng/ml



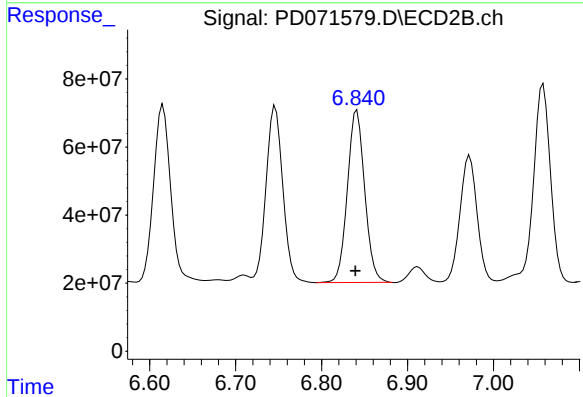
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.002 min
Response: 177673925
Conc: 55.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

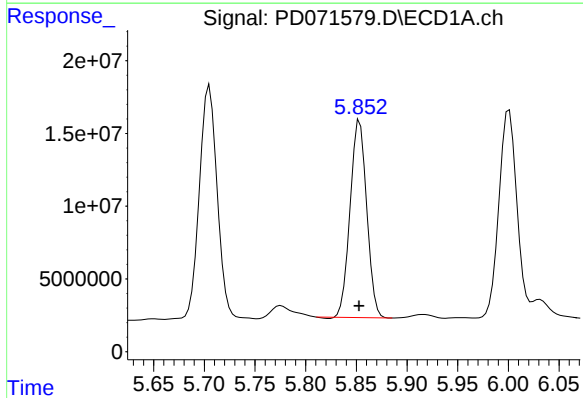
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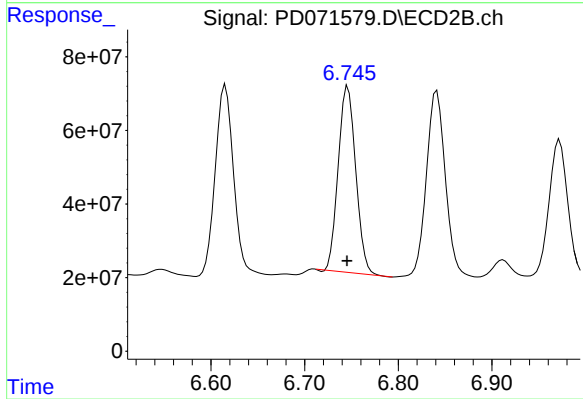
#15 Endosulfan II

R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 709509661
Conc: 51.59 ng/ml



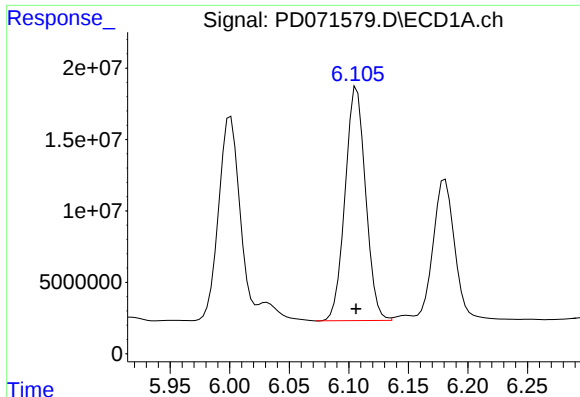
#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 154389057
Conc: 56.28 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 659400408
Conc: 53.58 ng/ml



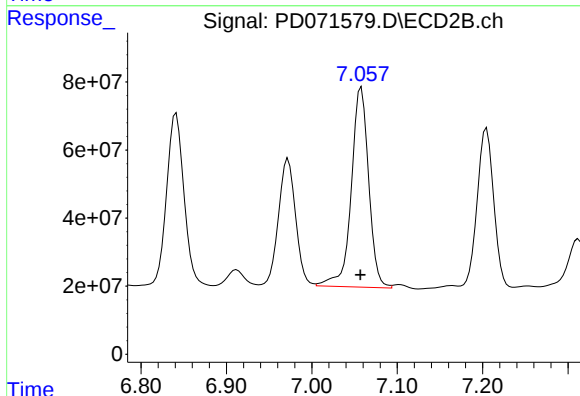
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 195672437
Conc: 67.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

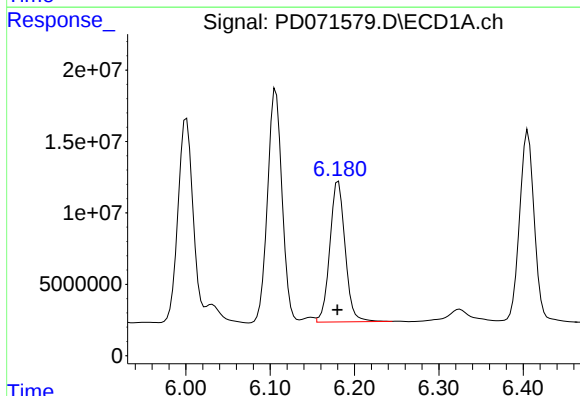
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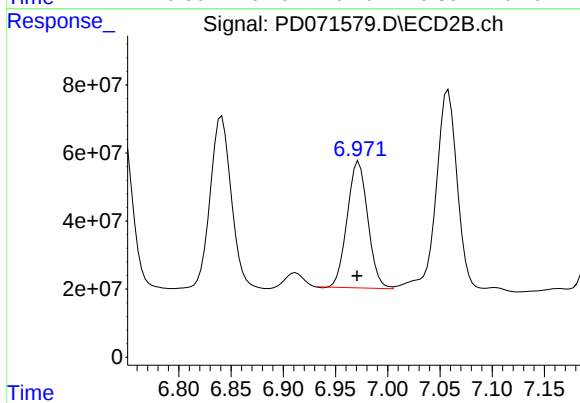
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 830638105
Conc: 64.98 ng/ml



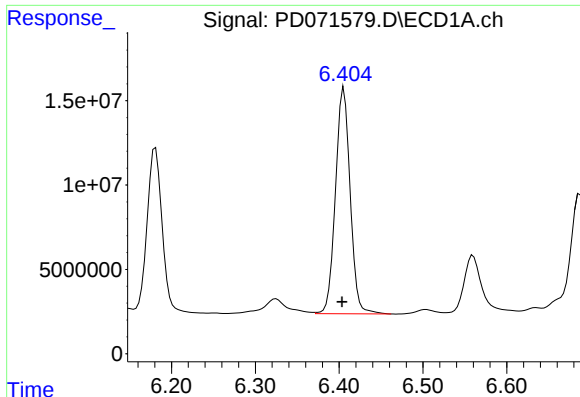
#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.001 min
Response: 123753054
Conc: 48.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.972 min
Delta R.T.: 0.001 min
Response: 509879658
Conc: 46.70 ng/ml



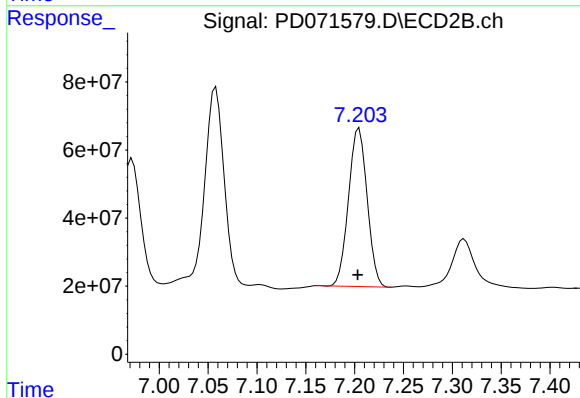
#19 Endosulfan Sulfate

R.T.: 6.406 min
Delta R.T.: 0.002 min
Response: 163068811
Conc: 53.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

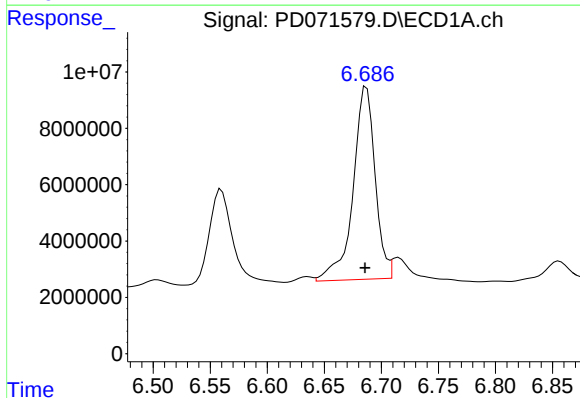
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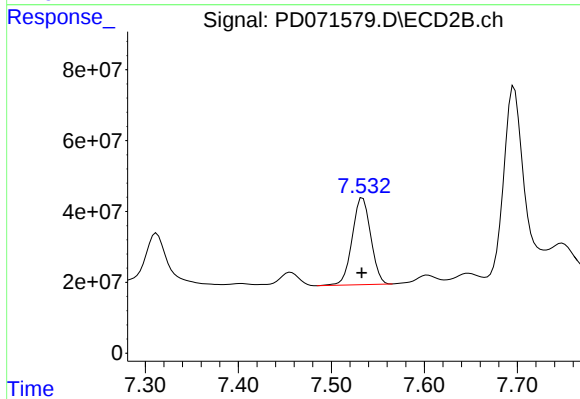
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.002 min
Response: 619107355
Conc: 50.50 ng/ml



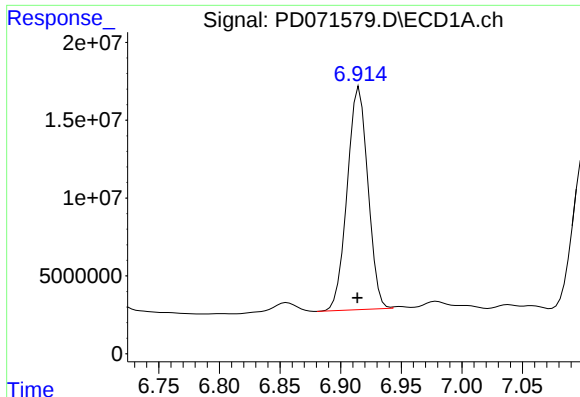
#20 Methoxychlor

R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 91980903
Conc: 58.30 ng/ml



#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 339817587
Conc: 53.66 ng/ml



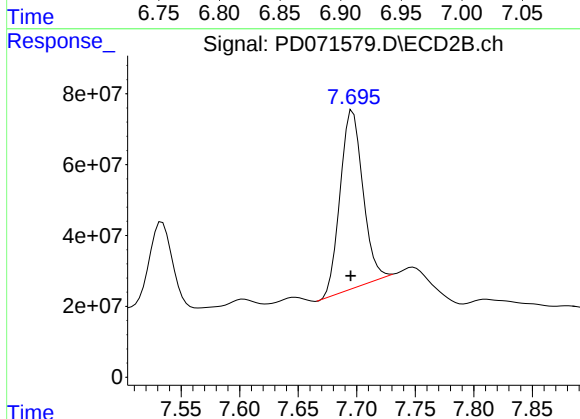
#21 Endrin ketone

R.T.: 6.915 min
Delta R.T.: 0.002 min
Response: 169763547
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

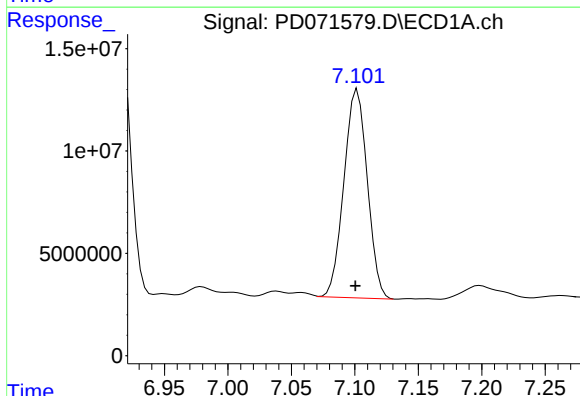
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/17/2022
Supervised By :Ankita Jodhani 08/17/2022



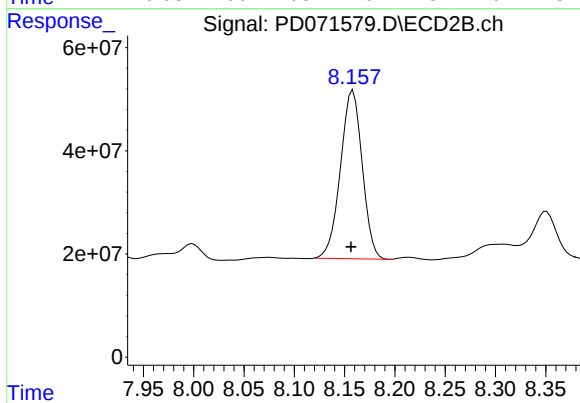
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 675971010
Conc: 50.43 ng/ml



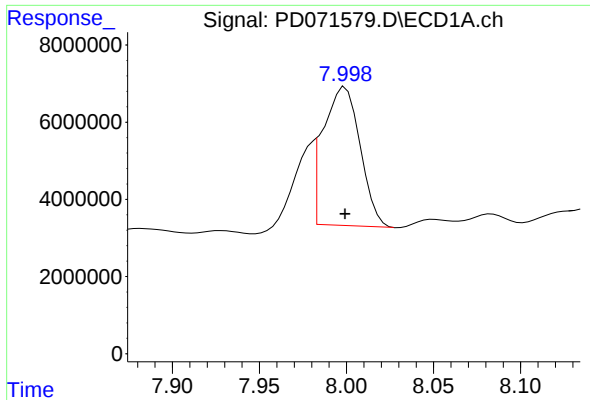
#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 130748340
Conc: 45.35 ng/ml m



#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.002 min
Response: 490773893
Conc: 50.80 ng/ml



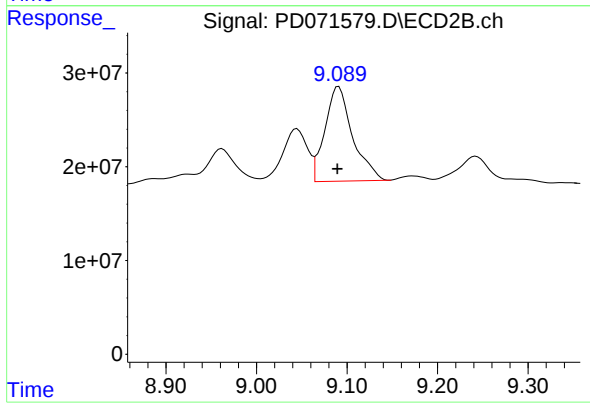
#28 Decachlorobiphenyl

R.T.: 7.998 min
Delta R.T.: -0.001 min
Response: 51228010
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MS

Manual Integrations
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Supervised By :Ankita Jodhani 08/17/2022



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 212490895
Conc: 20.82 ng/ml m